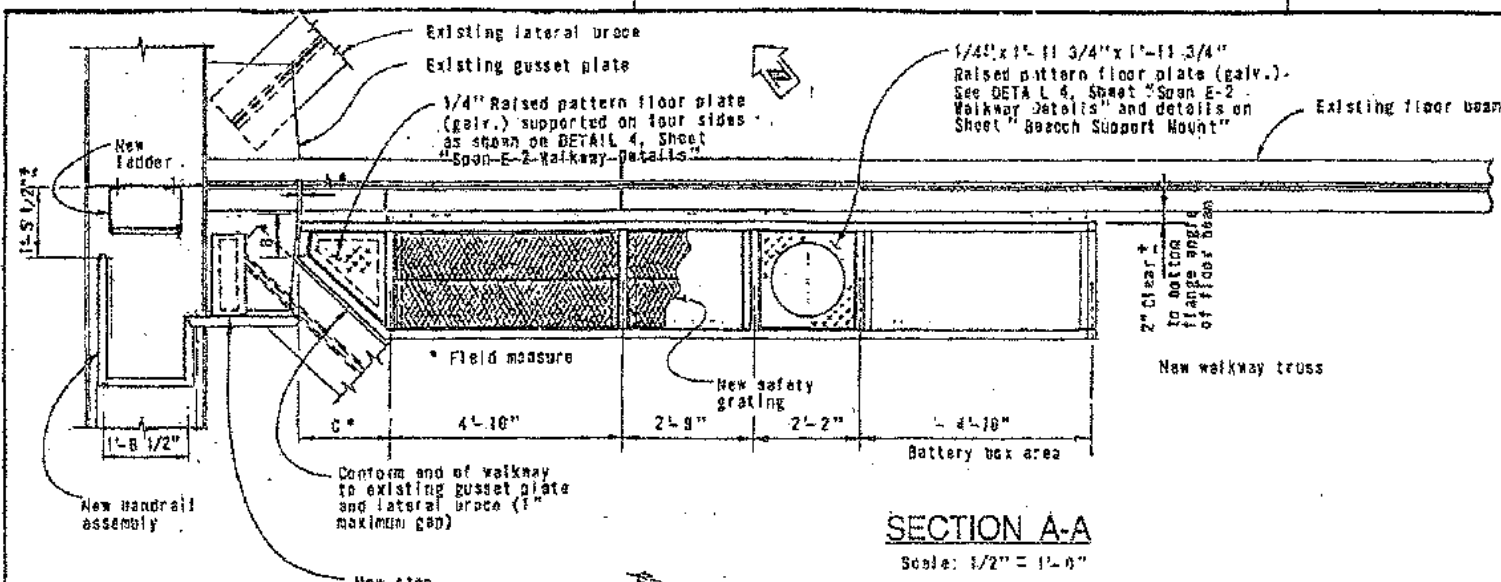


Marine Radar Beacon (Contract No. 004384)

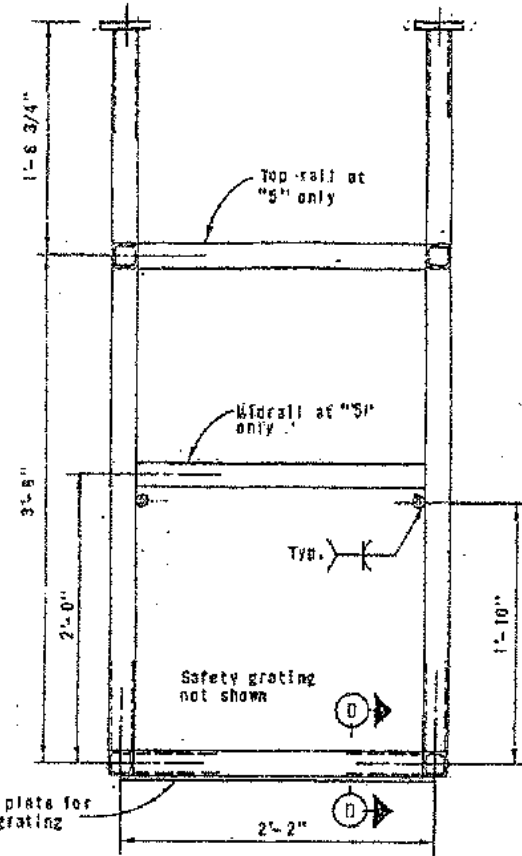
The as-built drawings, which are contained in these CDs, are scanned from drawings of the existing structure for the convenience of the contractor and as a means to convey to the contractor the available information regarding the existing structure. It is to be understood that no claim is being made as to the accuracy or completeness of the said information and that the State of California or its officers or agents shall not be responsible for the manner in which the contractor interprets and uses this information or for the accuracy, currency or completeness of these scanned as-built drawings. The contractor shall be responsible to obtain, at the contractor's expense, any additional information that the contractor deems necessary for completely and accurately assessing the existing conditions of the structure. The contractor shall not be entitled to any compensation for any claim arising from inaccuracy or insufficiency of these as-built drawings or in anyway related to these drawings.

- [1. Span W-4-Walkway Details](#)
- [2. Span W-5-Walkway Details](#)
- [3. Span W-2-Walkway Details \(Void\)](#)
- [4. Ladders, Steps and Railings](#)
- [5. Beacon Support Mounts](#)
- [6. Span W-2-Walkway Details](#)

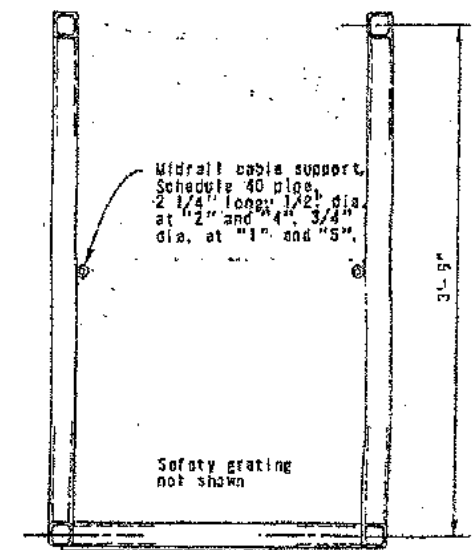


SECTION A-A
Scale: 1/2" = 1'-0"

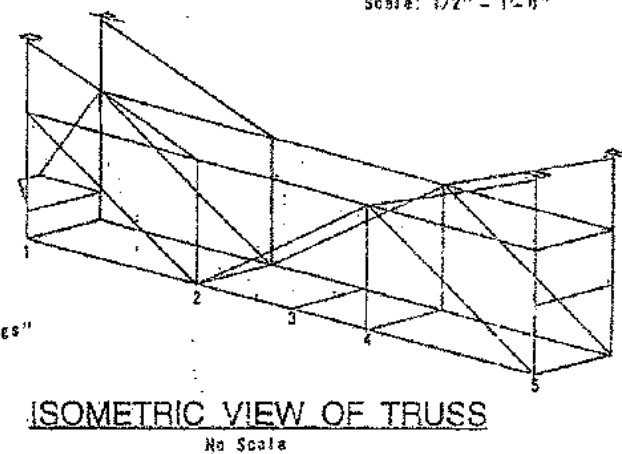
CONTRACT NO. 04-004384
 DATE ACCEPTED 9-29-99
AS BUILT
 RESIDENT ENGINEER: *Str. Eng. Tom Carter*
 REVISIONS BY: *No Revision* DATE: *1-22-04*
N. A. C.



SECTION B-B
1 1/2" = 1'-0"



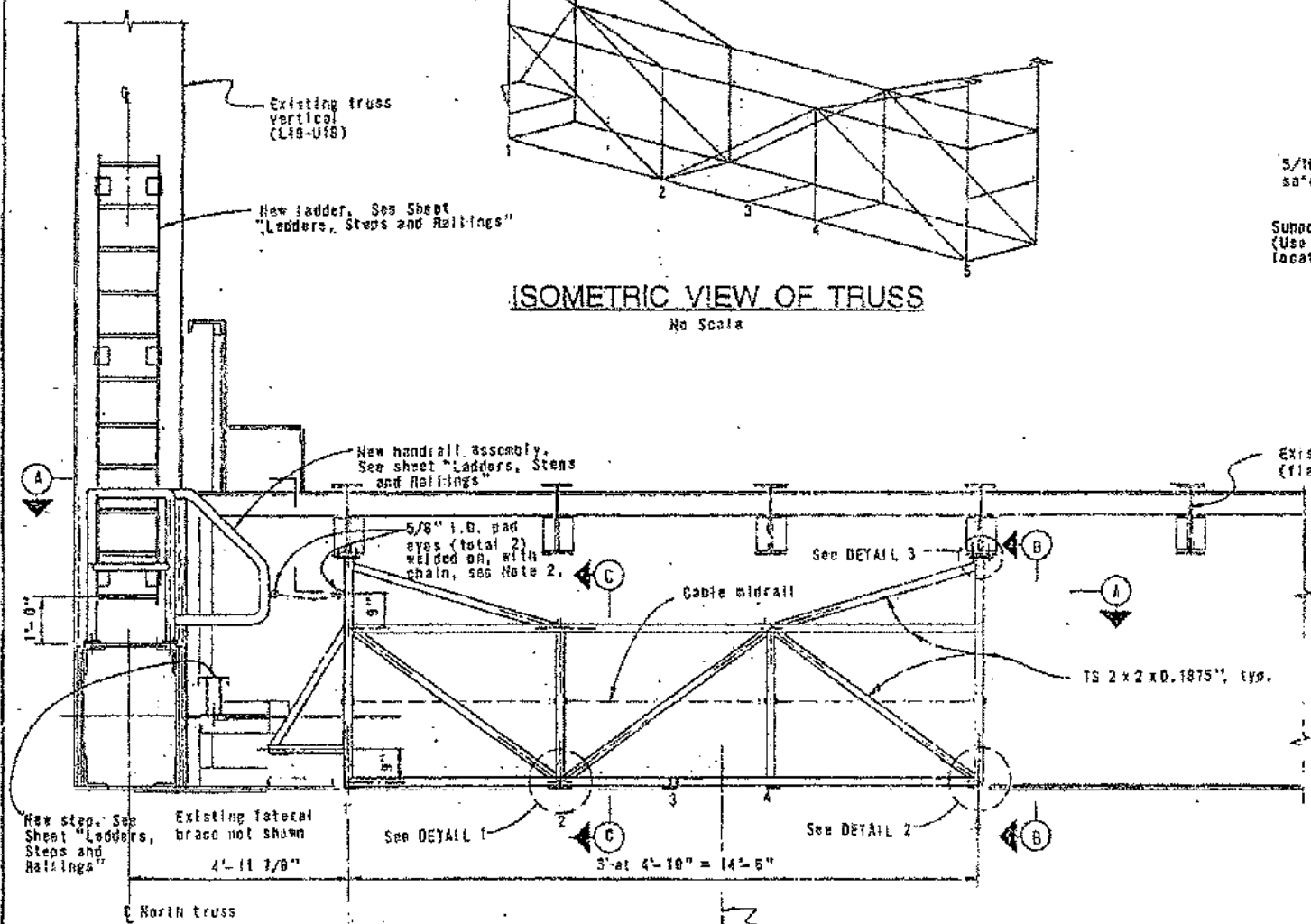
VIEW C-C
1 1/2" = 1'-0"



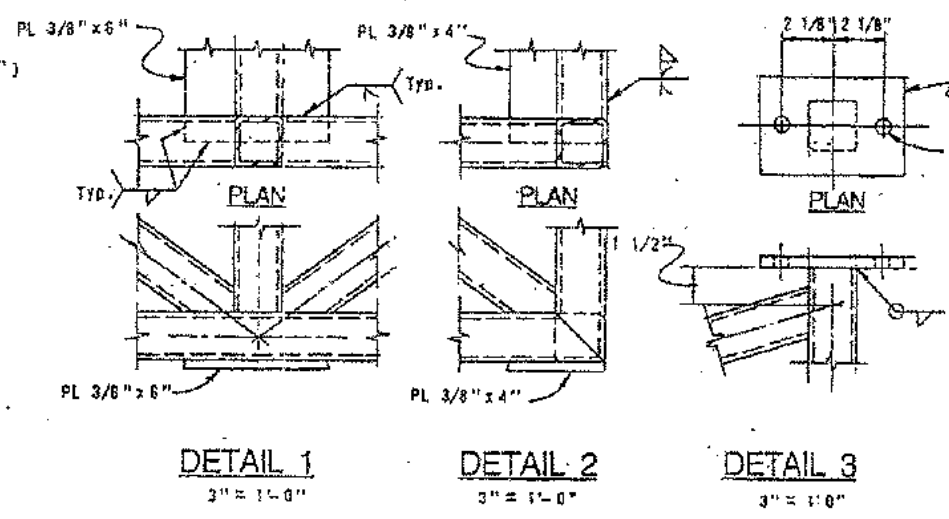
ISOMETRIC VIEW OF TRUSS
No Scale

5/16" B Bolt securing
 safety grating, typ.
 Support PL 3/8" x 6"
 (Use PL 3/8" x 4" at
 locations "1" and "4")

SECTION D-D
3" = 1'-0"



ELEVATION
SPAN W4 WALKWAY
 Looking easterly at the existing lower deck floor
 beam at Span W-4, panel point 19.
 Scale: 1/2" = 1'-0"



NO AS BUILT CHANGES
Shawn P. C. ...
 1-27-94

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 NOT AN ORIGINAL

NOTES

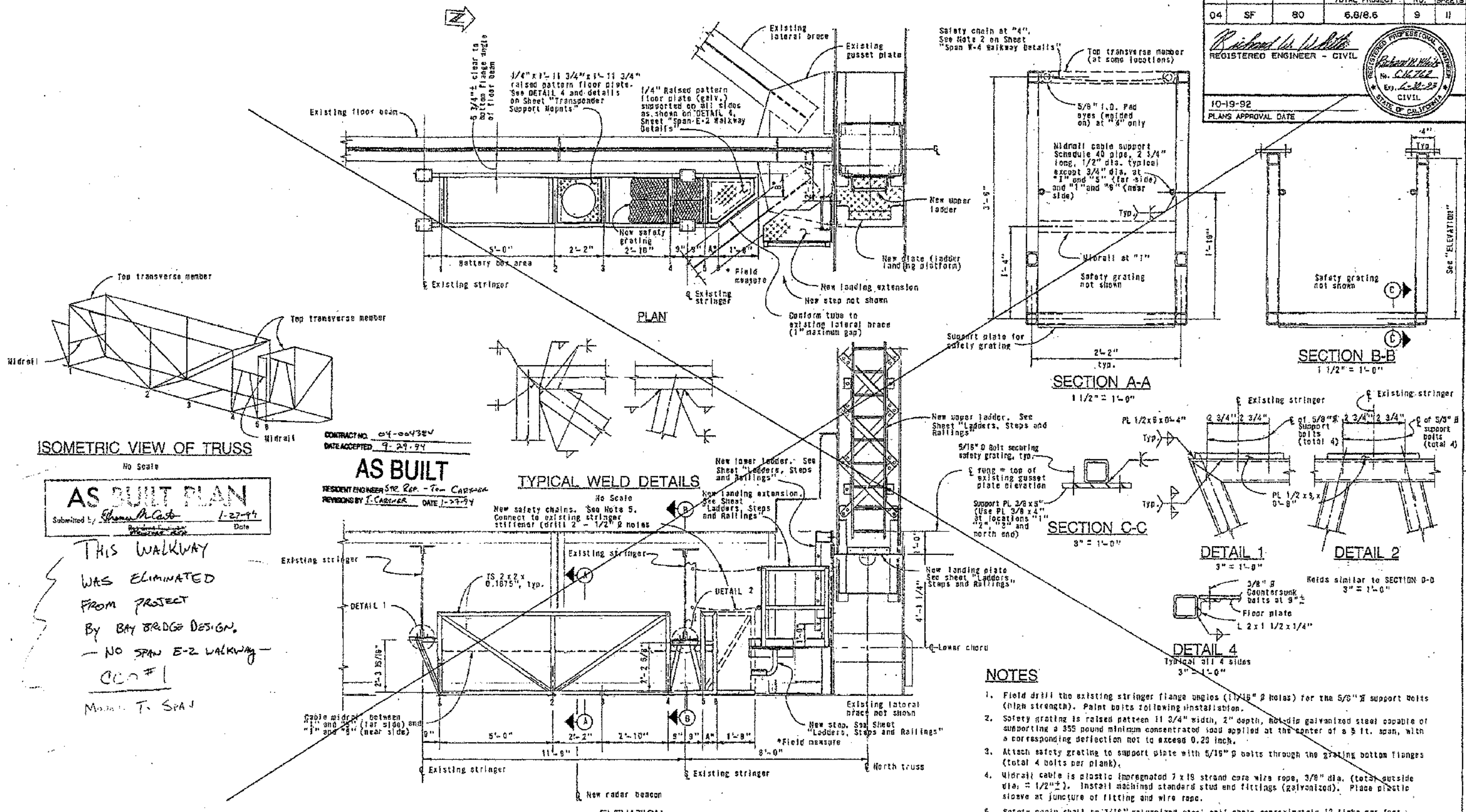
- Refer to Notes 1 through 4 on Sheet "Span E-2 Walkway Details." Refer also to TYPICAL WELD DETAILS and DETAIL 4 on that sheet.
- Safety chain shall be 3/16" galvanized steel coil chain, approximately 12 links per foot. Install with round eye bolt snap at one end (stainless steel).

E-6

SAN FRANCISCO - OAKLAND BAY BRIDGE

	DESIGN	BY	R. W. White	CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF STRUCTURES STRUCTURE MAINTENANCE	BRIDGE NO.	MARINE RADAR BEACON			
	DETAILS	BY	R. W. White	CHECKED			03-25/34-03				
	QUANTITIES	BY		CHECKED			POST MILE		SPAN W-4-WALKWAY DETAILS		
							6.8/8.4				
DS 091 2138-W (5/88)					ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		CU 04 333 EA 004381	DISSEMINATION BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAMP ONLY)	SHEET	OF
					0 1 2 3			1/92			

DISREGARD PRINTS BEARING
EARLIER REVISION DATES



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NOT AN ORIGINAL

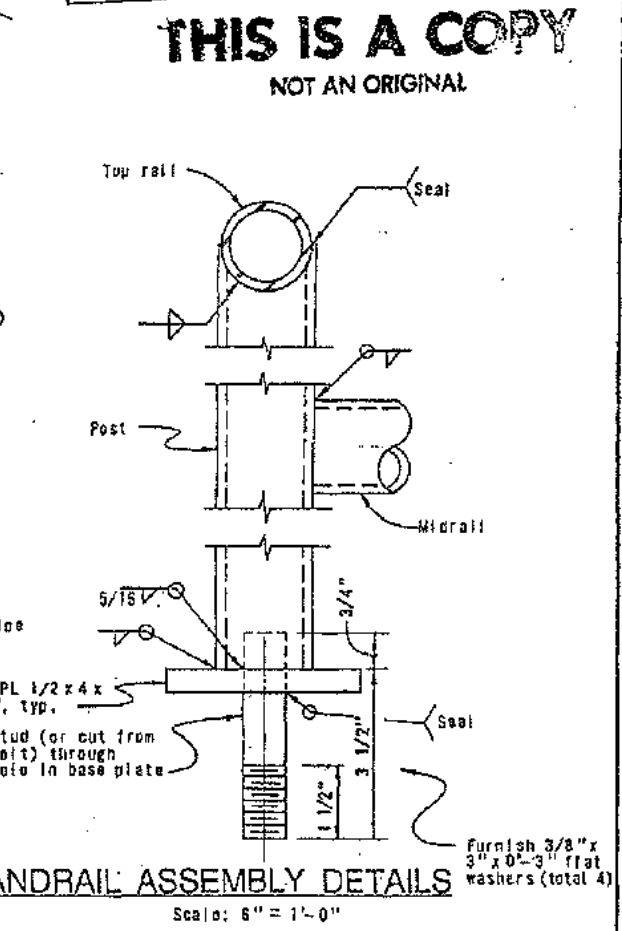
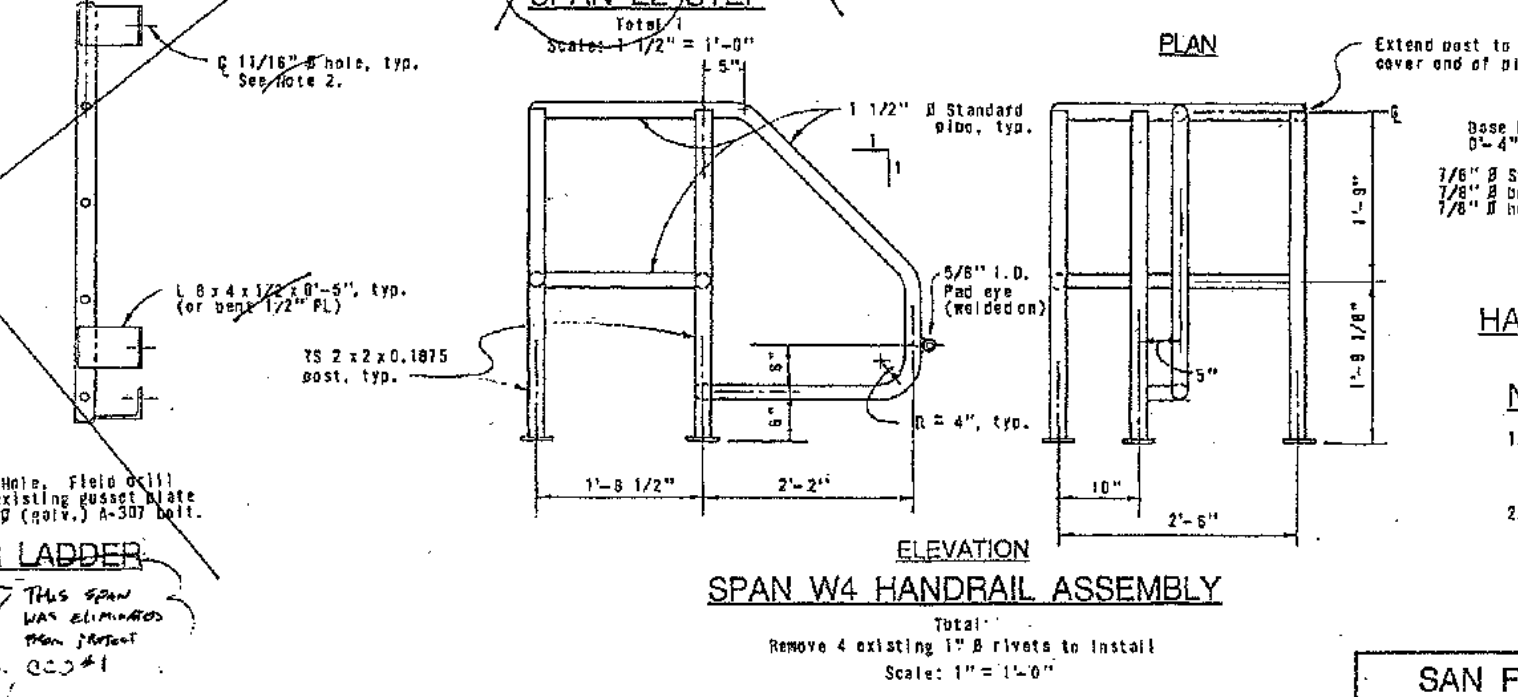
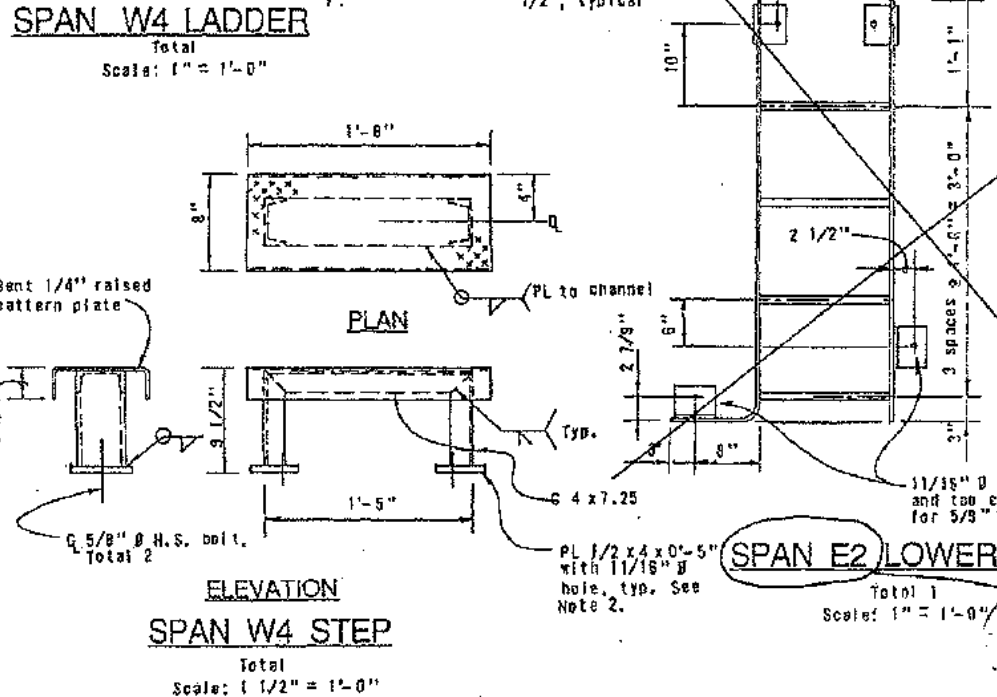
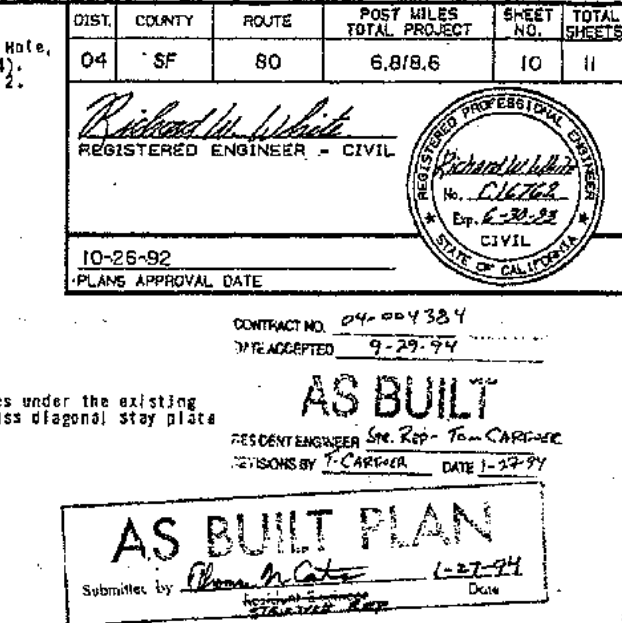
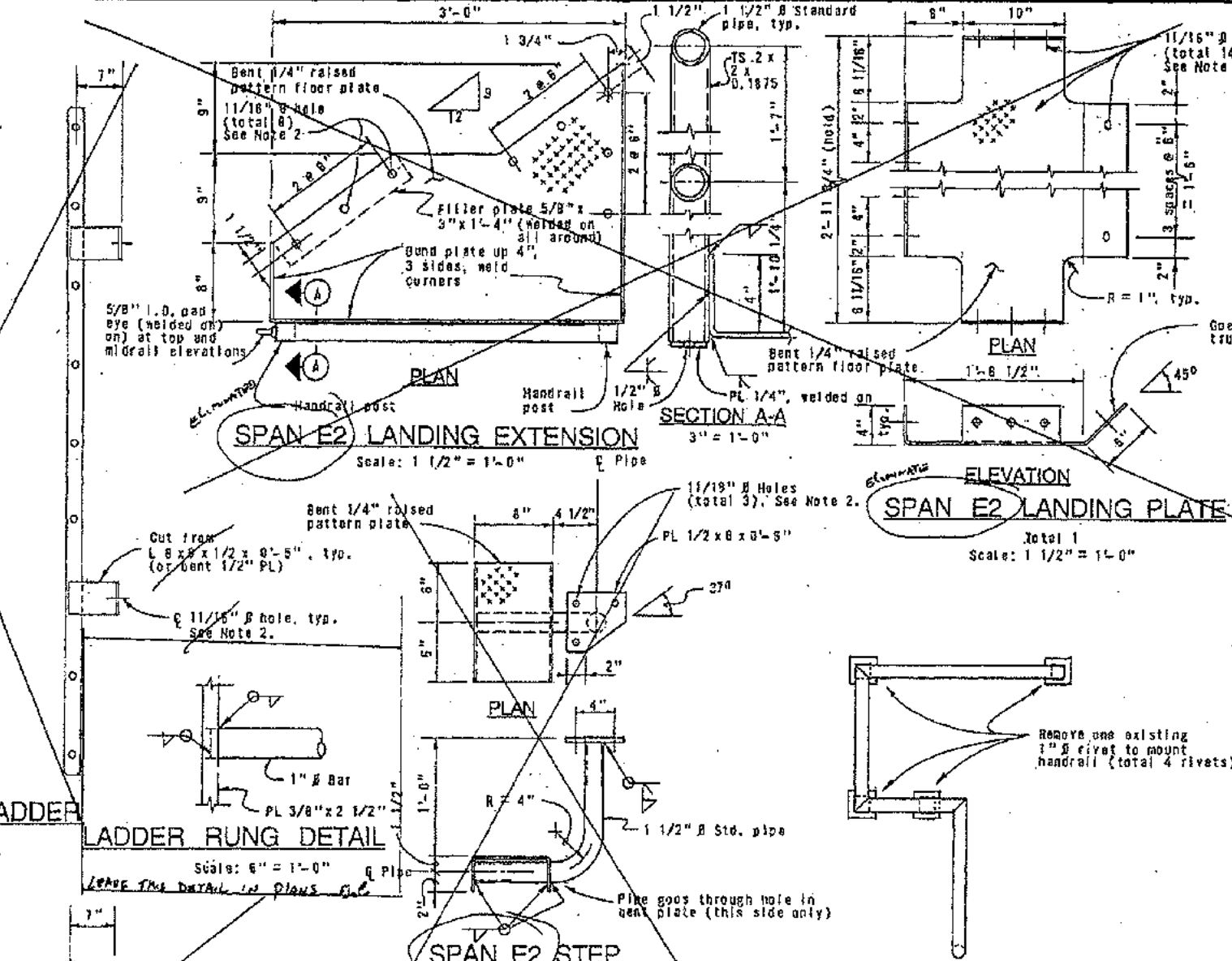
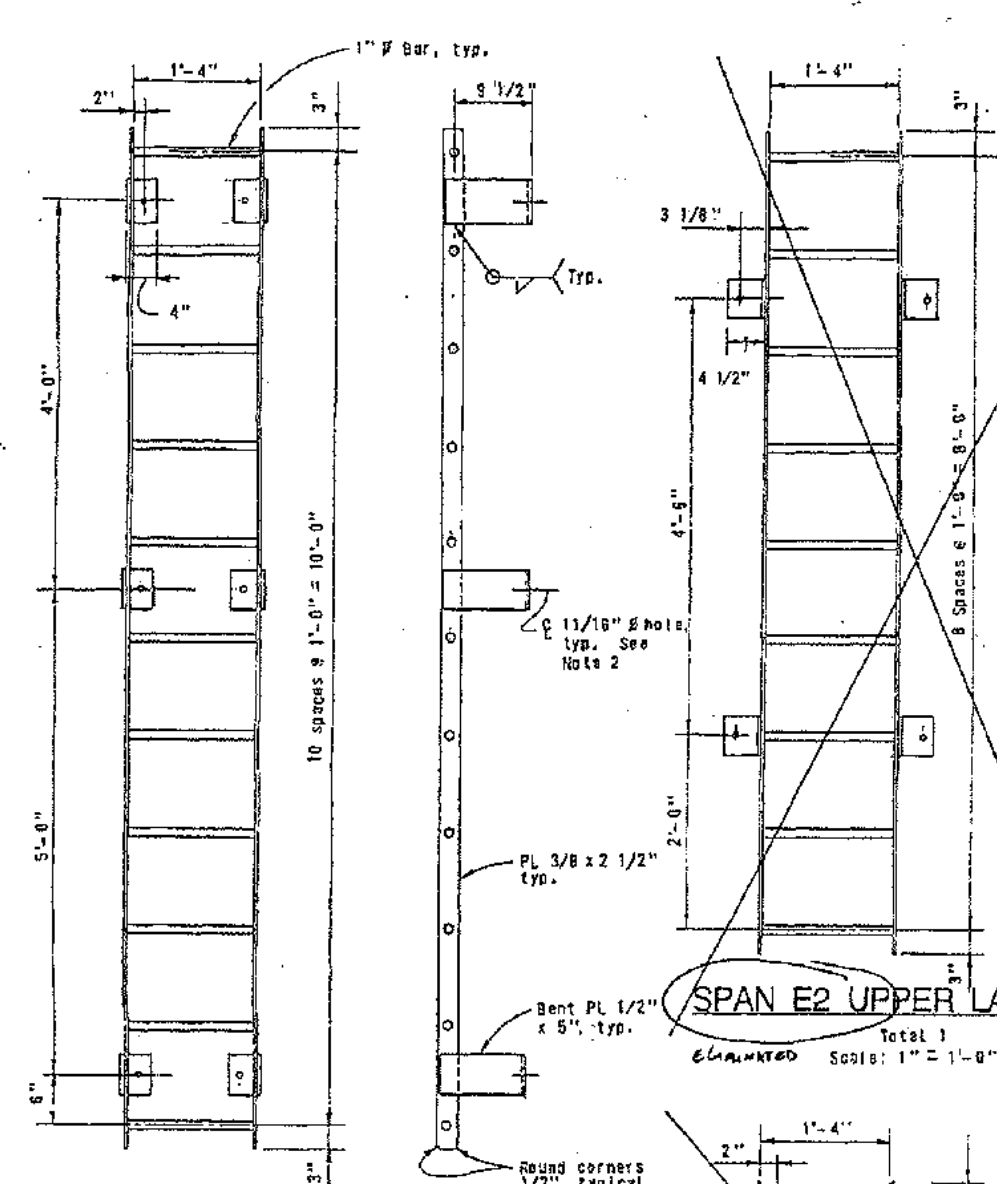
E-8
SAN FRANCISCO - OAKLAND BAY BRIDGE
MARINE RADAR BEACON
SPAN E-2 WALKWAY DETAILS

DESIGN	BY	CHECKED	STATE OF CALIFORNIA	DIVISION OF STRUCTURES	BRIDGE NO.	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET	OF
DESIGN	R.W. White	CHECKED	STATE OF CALIFORNIA	DIVISION OF STRUCTURES	33-25/34-03			
DETAILS	R.W. White	CHECKED	DEPARTMENT OF TRANSPORTATION	STRUCTURE MAINTENANCE	POST MILE			
QUANTITIES		CHECKED			5.8/8.4			
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			CU 04 333	EA 004381	DISREGARD PRINTS BEARING EARLIER REVISION DATES	3/92		

AS BUILT
 RESIDENT ENGINEER: S. Rep. Tom CARRIER
 REVISIONS BY: T. CARRIER DATE 1-27-94

AS BUILT PLAN
 Submitted by: Thomas M. Carter 1-27-94
 Date:

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 NOT AN ORIGINAL

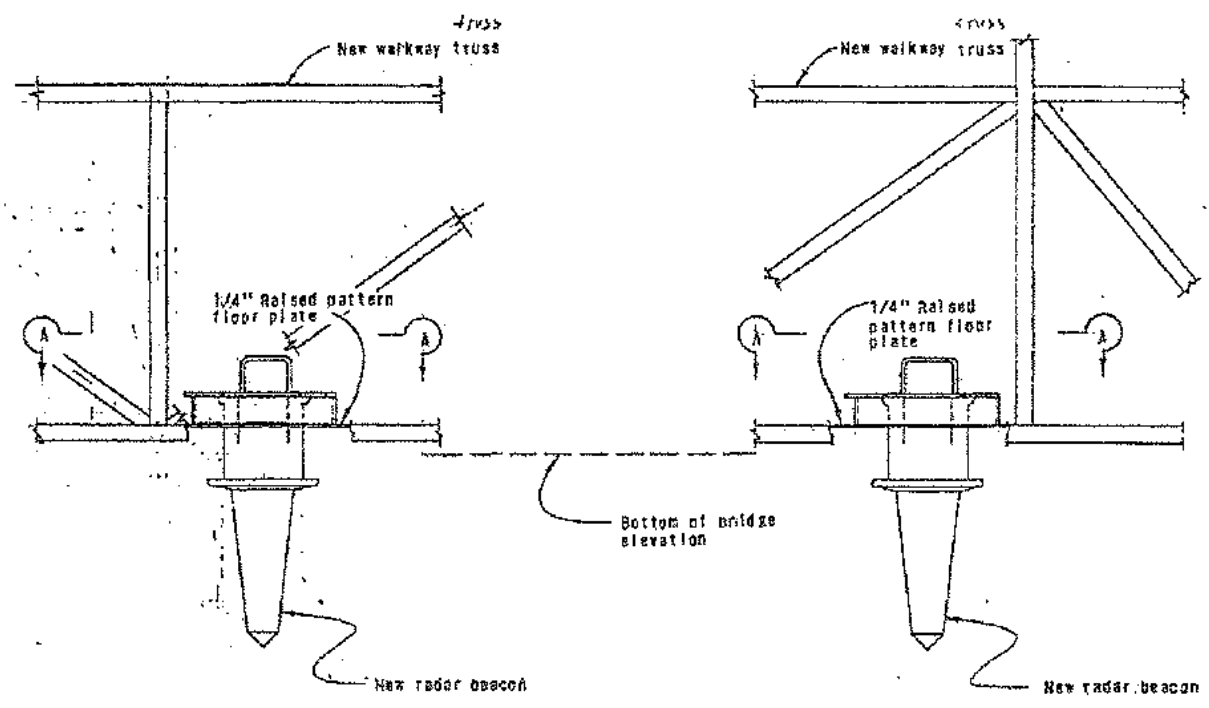


- NOTES**
- All items on this sheet shall be hot-dip galvanized following fabrication. Place vent holes on underside of members only.
 - Bolt all ladders, steps, and landing extension and plate to existing structure using 5/8" # H.S. (galvanized) bolts, through field-drilled 11/16" # holes, unless otherwise noted. High strength bolts are A-325.

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	6.8/8.6	11	11

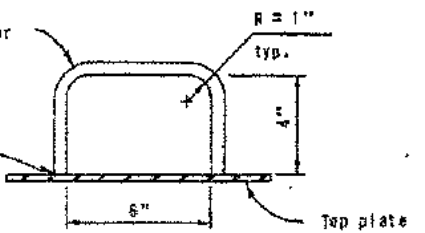
Richard W. White
REGISTERED ENGINEER - CIVIL
No. *216762*
Exp. *1-30-97*
CIVIL
STATE OF CALIFORNIA

10-19-92
PLANS APPROVAL DATE

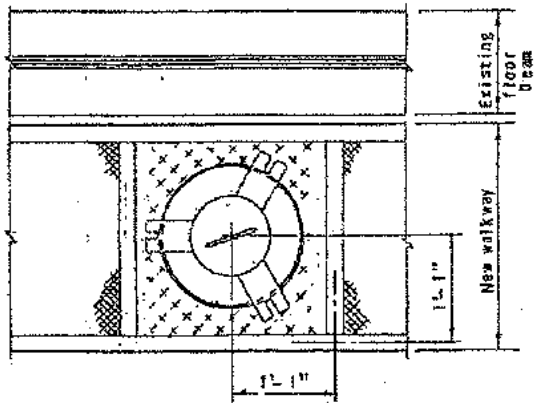


ELEVATION
INSTALLED BEACON
AT THE SPAN E2 WALKWAY
No Scale

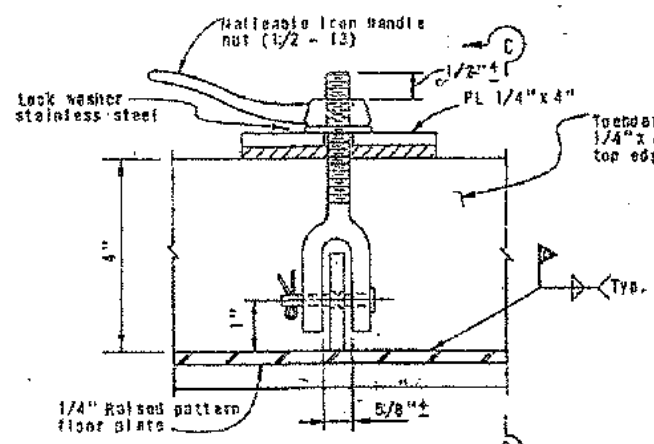
ELEVATION
INSTALLED BEACON
AT THE SPAN W4 WALKWAY
(OPPOSITE HAND AT THE SPAN W5 WALKWAY)
No Scale



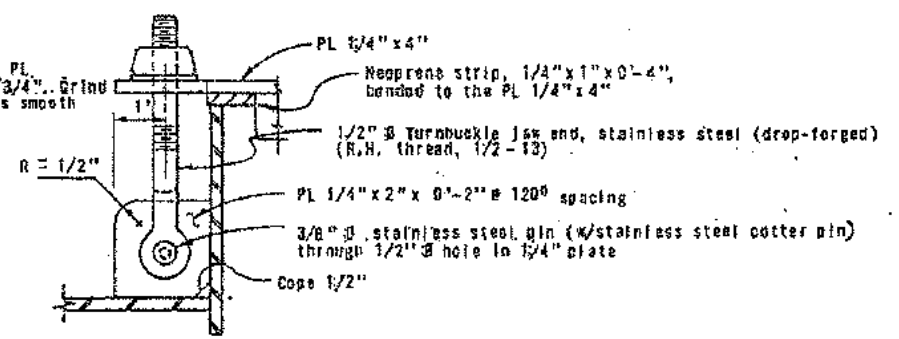
BAR HANDLE DETAIL
No Scale



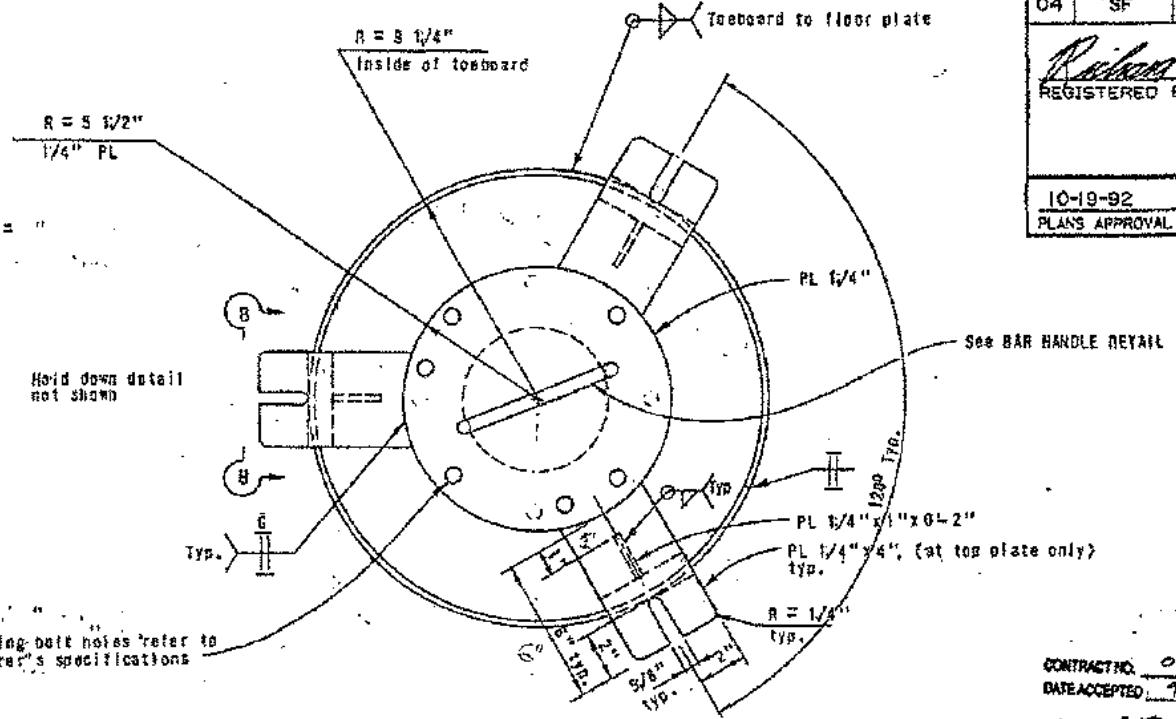
VIEW A-A
No Scale



VIEW B-B
HOLD DOWN DETAIL
Scale: 5" = 1'-0"



SECTION C-C
Scale: 6" = 1'-0"



PLAN
SUPPORT UNIT DETAIL
Scale: 3" = 1'-0"

NOTES

1. Steel plate is A36. Grind sharp edges.
2. Hot-dip galvanize the support unit.
3. Attach beacon to 1/4" plate using stainless steel bolts (10 - 8).

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E-10

SAN FRANCISCO - OAKLAND BAY BRIDGE

MARINE RADAR BEACON
BEACON SUPPORT MOUNTS

DESIGN	BY T. Ehrich	CHECKED R.W. White
DETAILS	BY T. Ehrich	CHECKED R.W. White
QUANTITIES	BY	CHECKED

STATE OF
CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF STRUCTURES
STRUCTURE MAINTENANCE

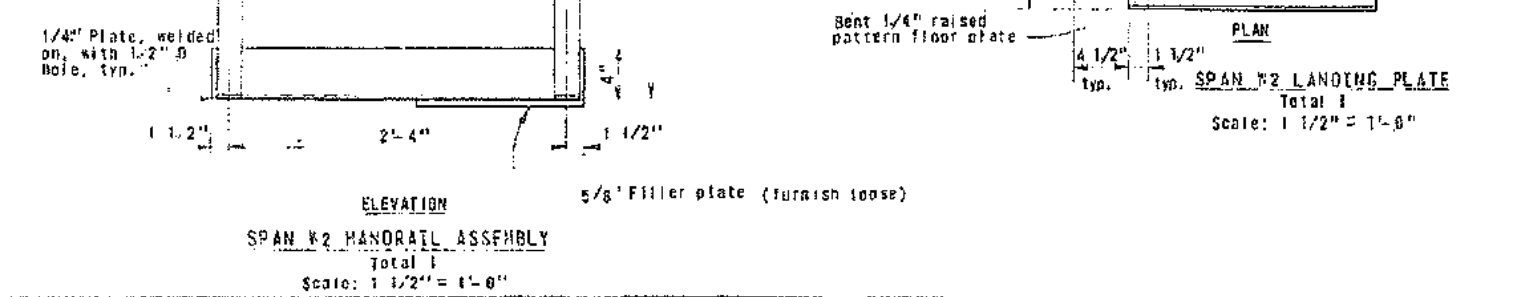
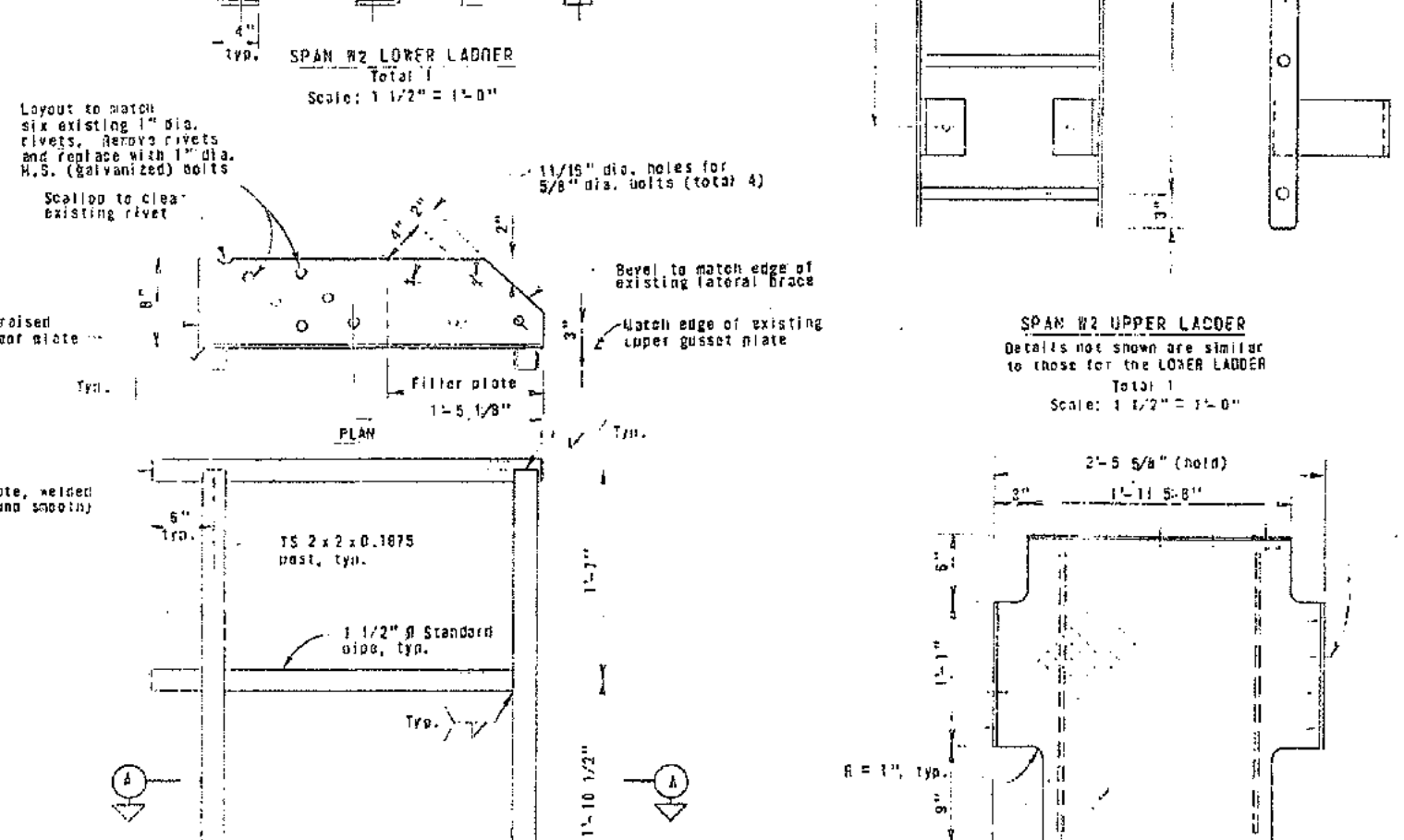
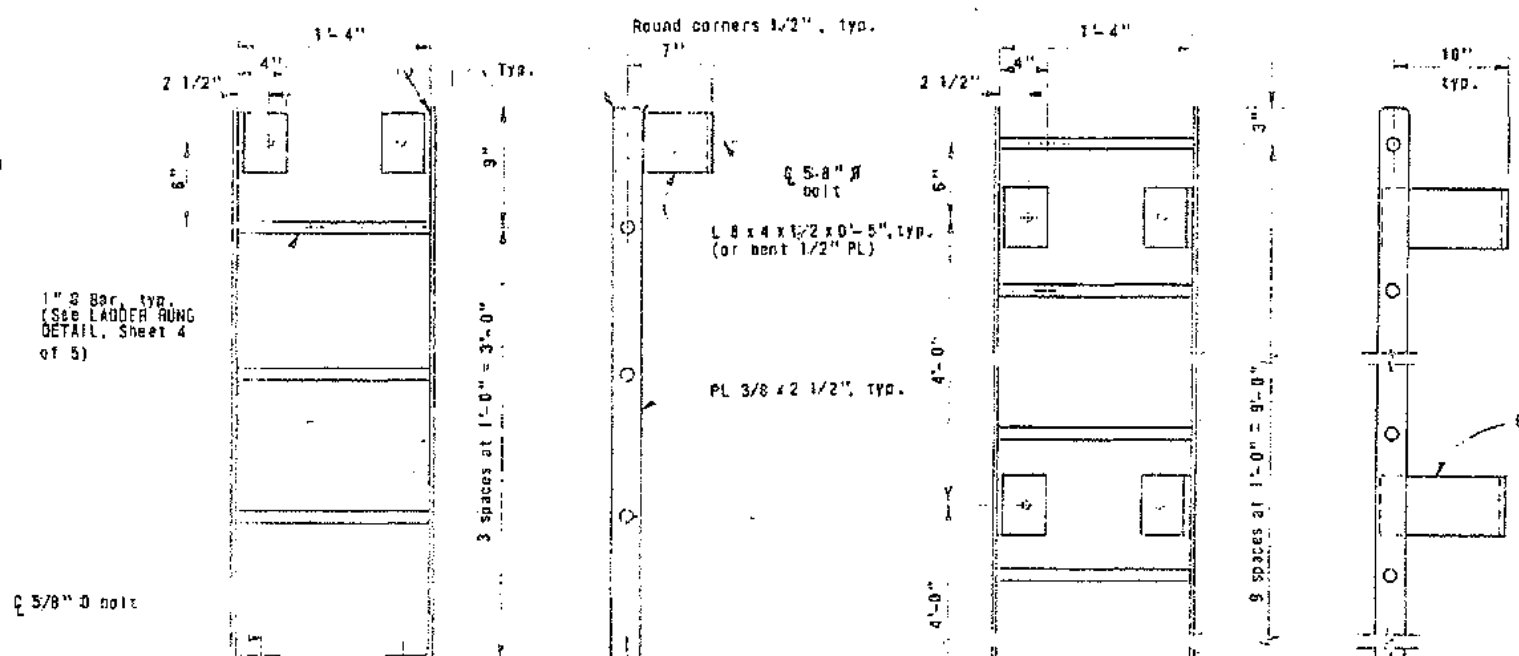
BRIDGE NO.	33-25/34-03
POST MILE	6.8/8.4

CU 04 333
EA 004381

DISREGARD PRINTS BEARING
EARLIER REVISION DATES

REVISION DATES (PRECEDING STAGE ONLY)

SHEET 11 OF 11



N-21 SHEET
CU# 1

CONTRACT NO. 04-004384
DATE ACCEPTED 9-29-94

AS BUILT

RESIDENT ENGINEER STR. REP. Tom CARTNER
REVISIONS BY NONE DATE 1-27-94

AS BUILT PLAN

Submitted by Thomas P. Carter 1-27-94
Resident Engineer
Str. Div. Rep. Date

NO AS BUILT CHANGE

- ### NOTES
1. All items on this sheet, except the new walkway, shall be hot-dip galvanized following fabrication. Place vent holes on underside of members only.
 2. Bolt all ladders, landing plate and handrail assembly to existing structure using 5/8" ϕ H.S. (galvanized) bolts, through field-drilled 11/16" ϕ holes, except where 1" ϕ H.S. (galvanized) bolts are indicated. High strength bolts are A-325.

				DESIGN	BY	R.W. White	CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION		DIVISION OF STRUCTURES STRUCTURE MAINTENANCE		BRIDGE NO.	SAN FRANCISCO - OAKLAND BAY BRIDGE																				
				DETAILS	BY	R.W. White	CHECKED					34-03	RADAR TRANSPONDER MOUNTS																				
				QUANTITIES	BY		CHECKED					POST MILE	SPAN H-2 WALKWAY DETAILS																				
CS GEN 2139-M (5/69)				M 1074				ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				0			2		3	CU 04 333 EA 004331		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)										SHEET	OF